

Engineers positions in Computer Vision / Machine Learning/Computer Graphics

MIRALab, an R&D spin off company of MIRALab@university of Geneva (miralab.com), is looking for motivated candidates with bachelor or master's degree in CS or engineering to work for the EU project ENIGMA (<http://miralab.com/project/enigma/>).

The collaboration with the ENIGMA project is to develop a methodology that will:

1. **Reconstruct objects and statues which are not accessible or not able to be digitized by man-made threats.**
2. **Exploit registered but incomplete information such as text, maps, photos, partial images, or videos.**
3. **Make use of advanced AI techniques that can identify and trace un-registered Cultural Goods (CGs).**
4. **Provide realistic reconstructed un-registered 3D CGs.**

Participation to other ongoing projects is also possible as on the HCI use of our social robot Nadine ([Nadine Social Robot - Wikipedia](#))

Candidates with strong knowledge in some below main fields are welcome to apply.

1. **Computer Vision and Machine Learning**
2. **3D object reconstruction from incomplete multimedia information**
3. **Spatio-temporal and semantic representation**

Required qualifications.

Applicants must earn a bachelor's or master's degree in computer engineering/related fields.

Once selected, the candidates will be encouraged to submit papers in top conferences and journals during the project.

Candidates must preferably have excellent programming and software development skills, as some knowledge of OpenCV, MATLAB, Python, C sharp, or C++.

Please provide a detailed CV with a recent photo, two references with contact details, availability date, a motivation letter and salary request.

Please send applications or ask for more details at contact@miralab.ch